

VOLODIN, A.P.; VOL'FSON, P.M.

Problems of utilizing the method of top slicing. Gor. zhur. no.2:24-32
F'55. (Mining engineering) (MLRA 8:7)

VOL'FSON, A.P.; VOL'FSOON, P.M.; KUYEVDA, K. I.

**Cutting down sublevel and caving. Gor. zhur. no.5:3-6 My '55.
(MIRA 8:7)**

(Krivoi Rog--Mining engineering)

VOLODIN, A.P., Cand Tech Sci — (diss) "Study of *systems of*
mining systems cutting ore with deep horizontal
bore." Dnepropetrovsk, 1957, 27 pp with diagrams
(Min of Higher Education USSR. Dnepropetrovsk
Order of Labor Red Banner Mining Inst im Artem)
120 copies (KL, 29-58, 131)

VOLODIN, A.P.; FEDOSENKO, V.S.

Mechanized labor for underground haulage in the Krivoy Rog Basin. Gor. zhur. no.5:62-65 My '57. (MIRA 10:6)

1. Nauchno-issledovatel'skiy gornorudnyy institut. (Krivoy Rog--Iron mines and mining) (Mine haulage)

VOLODIN, A.P., inzh.

Planning the longitudinal section of division points on heavily travelled runs. Transp.stroi.7 no.7:22-24 J1 '57. (MIRA 10:11)
(Electric railroads--Stations)

VOLODIN, A.P., inzh.

Technical specifications for surveying new railroad lines.
Transp.stroi. 9 no.5:56-57 My '59. (MIRA 12:12)
(Railroads--Surveying)

BELILOVSKIY, Yefim Solomonovich; BOGUSLAVSKIY, Eduard Yelizarovich;
BINUS, Mark Semenovich; VOLODIN, Aleksey Pavlovich; KUNIN,
Izyslav Kopolovich, SELEKTOR, Spartak Mikhaylovich; CHUB,
Vasiliy Fedoseyevich; YAMKOVOY, Grigoriy Tikhonovich; DMITRIYEV,
A.P.,otv. red.; KOVAL', I.V., red.izd-va; MAKSIMOVA,V.V.,tekhn.red.

[Improvement of underground mining methods and equipment in the
Krivoy Rog Basin] Sovershenstvovanie tekhniki i tekhnologii pod-
zemnoi dobychi rudy v Krivorozhskom basseine. [By] E.S.Belilov-
skii i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1961. 232 p. (MIRA 15:3)

(Krivoy Rog Basin--Iron mines and mining)
(Automatic control)

VOLODIN, A.P., inzh.

Precision of geodetic operations in surveying roads and
railroads. Transp. stroi. 11 no.5:47-49 My '61.
(MIRA 14:6)

(Roads—Surveying) (Railroads—Surveying)

PETROV, M.A.; NORMAN, E.A.; VOLODIN, A.P.; DENISOV, V.A.; KOCHKONOCOV, V.P.; BEGAM, L.G.; BARANOV, M.A.; TAVLINOV, V.K.; YENIKEYEV, G.Sh.; BARANOVA, A.I.; KUDRYAVTSEV, G.P.; MALYAVSKIY, B.K.; CHEGODAYEV, N.N.; SURIN, V.S.; GONIKBERG, I.V., retsenzent; ENGEL'KE, V.A., retsenzent; KHRAPKOV, V.A., retsenzent; AL'PERT, G.A., retsenzent; ALEKSEYEV, B.N., retsenzent; SKLYAROV, A.A., retsenzent; ALEKSEYEV, Ye.P., retsenzent

[Railroad surveying; reference and methodological handbook] Izyskania zheleznykh dorog; spravochnoe i metodicheskoe rukovodstvo. Moskva, Transport, 1964. 495 p.

(MIRA 18:1)

1. Babushkin. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva.
2. Leningradskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Gonikberg, Engel'ke, Khrapkov).
3. Sibirskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Alekseyev, YeP.).
4. Moskovskiy gosudarstvennyy proyektno-izyskatel'skiy institut Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Al'pert).

TARAN, P.N., kand. tekhn. nauk; VOL'FSON, P.M., kand. tekhn. nauk; VOL'ODIN,
A.P., kand. tekhn. nauk; TESTER, Yu.B., gornyy inzh.

Eliminate multiple horizon mining in the Krivoy Rog Basin.
Gor. zhur. no.4:3-6 Ap '65. (MIRA 18:5)

1. Nauchno-issledovatel'skiy gornorudnyy institut, Krivoy Rog.

BARASHKOV, M. I.; VOLODIN, A. S.; KULIKOV, I. G.; YAKIMOV, S. Ya., red.;
KOGAN, V. V., tekhn. red.

[Safety measures in working with calenders and rubber mixers]
Tekhnika bezopasnosti pri rabote na val'tsakh i rezinosmesi-
teliakh. Moskva, Goskhimizdat, 1962. 26 p. (MIRA 16:3)
(Rubber industry—Safety measures)

FOMENKO, T.G.; BUTOVETSKIY, V.S.; VOLODIN, A.V.; MAMCHITS, G.O.

Increasing the output capacity of vacuum filters at coal preparation plants. Koks i khim, no.10:11-15 '61.

(MIRA 15:2)

1. Institut UkrNIIUgleobogashcheniya (for Fomenko, Butovetskiy).
2. Voroshilovskiy koksokhimicheskiy zavod (for Volodin, Mamchits).
(Coal preparation plants—Equipment and supplies)
(Filters and filtration)

ZAKUSOV, V.V.; ANICHKOV, S.V.; VOLODIN, B.

Psychopharmacology. Nauka i zhizn' 29 no.4:80-83 Ap '62.
(MIRA 15:7)

1. Direktor Instituta farmakologii i khimioterapii AMN SSSR (for
Zakusov). Zaveduyushchiy otdelom farmakologii Instituta
eksperimental'noy demitsiny AMN SSSR (for Anichkov).
(PSYCHOPHARMACOLOGY)

VOLODIN, Boris; GUSAKOVA, A., red.; NAZAROVA, A., tekhn. red.

[Silence! An operation is being performed!] Tikhо! Idet
operatsiia! Moskva, Izd-vo "Znanie," 1963. 95 p.
(MIRA 16:10)

(SURGERY)

VOLODIN, Boris

For those who are thirteen years old today ("Take off!" by
A. Markusha. Reviewed by B. Volodin). IUn.tekh. 4 no.7:57
J1 '60. (MIRA 13:9)

(Airplanes--Piloting)
(Markusha, A.)

VOLODIN, B.G.; GANIN, M.P.; DINER, I.Ya.; KOMAROV, L.B.;
SVESHNIKOV, A.A., zasl. deyatel' nauki i tekhniki RSFSR,
doktor tekhn. nauk, prof.; STAROBIN, K.B.; DONGCHENKO, V.V.,
red.; BLAGOVESHCHENSKIY, Yu.N., red.

[Problems in probability theory, mathematical statistics,
and theory of functions of random variables] Sbornik za-
dach po teorii veroiatnostei, matematicheskoi statistike i
teorii sluchainykh funktsii. Moskva, Nauka, 1965. 632 p.
(MIRA 18:10)

VOLODIN, Boris Grigor'yevich; GANIN, Mikhail Pavlovich; DINER, Isay Yakovlevich; KOMAROV, Lazar' Borisovich; SVESHNIKOV, Aram Arutyunovich, doktor tekhn. nauk, prof.; STAROBIN, Kalman Berkovich; GINZBURG, R.I., kand.tekhn.nauk, retsenzent; CHEREDNICHENKO, N.Ya., kand. tekhn.nauk; retsenzent; SHAYKEVICH, I.A., red.; KONTOROVICH, A.I., tekhn.red.

[Manual for engineers on the solving of problems in probability theory; collection of basic formulas, typical solutions, and problems for exercises] Rukovodstvo dlia inzhenerov po resheniu zadach teorii veroiatnostei; sbornik osnovnykh formul, tipovykh reshenii i zadach dlia uprazhnenii. [By] B.G.Volodin i dr. Leningrad, Sudpromgiz, 1962. 422 p. (MIRA 15:7) (Probabilities)

PHASE I BOOK EXPLOITATION

SOV/6203

Volodin, Boris Grigor'yevich, Mikhail Pavlovich Ganin, Isay Yakovlevich Diner,
Lazar' Borisovich Komarov, Aram Arutyunovich Sveshnikov, Doctor of
Technical Sciences, Professor, and Kalman Berkovich Starobin

Rukovodstvo dlya inzhenerov po resheniyu zadach teorii veroyatnostey; sbornik
osnovnykh formul, tipovykh resheniy i zadach dlya uprazheniy (Handbook
for Engineers on the Solution of Problems in the Theory of Probability;
Collection of Basic Formulas, Typical Solutions, and Practice Problems)
Leningrad, Sudpromgiz, 1962. 422 p. Errata slip inserted. 14,300 copies
printed.

Ed. (Title page): A. A. Sveshnikov; Reviewers: R. I. Ginzburg, Candidate of
Technical Sciences, and N. Ya. Cherednichenko, Candidate of Technical
Sciences; Ed.: I. A. Shaykevich; Tech. Ed.: A. I. Kontorovich.

PURPOSE: This handbook is intended for engineers, scientific workers, and
students at schools of higher education interested in applying formulas of

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Handbook for Engineers (Cont.)

the theory of probability to the solution of practical problems.

COVERAGE: The book includes all basic formulas in the theory of probability applicable to the solution of practical problems in automatic control, radio communication, processing and verifying experimental data, and other fields. In each section, work formulas and diagrams are applied to the solution of typical problems. Additional work problems with answers are provided. No personalities are mentioned. There are 33 references: 29 Soviet (including 7 translations from English and German), 3 French, and 1 German.

TABLE OF CONTENTS:

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Ch. I. Random Events	9
1. Relationships between random events	9
2. Direct calculation of probabilities	11
3. Geometric probabilities	14
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VOLODIN, D.

Against excess and wastefulness. Fin. SSSR 22 no.3:63-65 Mr '61.

(MIRA 14:7)

(Construction industry--Auditing and inspection)
(Banks and banking)

AUTHOR: Volodin, D.I.

119-2-13/13

TITLE: A Punch for a Profiled Balancing Wheel (Shtamp dlya obrubki ankernogo kolesa po profilyu).

PERIODICAL: Priborostroyeniye, 1958, Nr 2, pp. 32-32 (USSR)

ABSTRACT: Hitherto it was usual to produce the profile of a balancing wheel by milling on a semi-automatic device in five working operations. A punch is described here by means of which the same balancing wheel can be produced with the same accuracy. By means of the punch described it is possible to produce 4000 balancing wheels per day. After 80 000 have been produced, the punch and the matrix can no longer be used. There is 1 figure.

AVAILABLE: Library of Congress

Card 1/1 1. Punch presses-Applications 2. Balancing wheel-Manufacture

SOV-117-58-4-9/21

AUTHOR:

Volodin, D.I.

TITLE:

A Die for Shearing Anchor Wheels on the Profile (Shtamp dlya
obrubki ankernogo kolesa po profilyu)

PERIODICAL:

Mashinostroitel', 1958, Nr 4, p 29 (USSR)

ABSTRACT:

The complex and accurate tooth profile of anchor wheels is usually formed by milling on a special semi-automatic miller equipped with special small-tooth cutters. The work requires five milling operations; the machine setting is complex and the cutters wear out fast. Lately, this milling process has been replaced by stamping. The article presents detailed design information on a block die of the small "S-10" cam press used for stamping the anchor wheels. The blanks are placed into the die and the finished stampings removed from the die with the use of special tweezers. The stamping is considered good if the tooth contour is accurate within the tolerance and the burrs are not larger than 0.015 mm. The tooth accuracy is checked with an

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SOV-117-58-4-9/21

A Die for Shearing Anchor Wheels on the Profile

optical projector. A detailed section drawing of the die is given. There is 1 drawing.

1. Dies--Design
2. Dies--Applications
3. Anchor wheels--Production

Card 2/2

VOLODIN, E. A.

Elektroiskrovaya obrabotka molotovykh shtampov. (Vesnt. Mash., 1948,
no. 6, p. 49-52)

Refers to "Krasnogvardeets" plant.

Electric spark technique in hammer die working.

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

Electrolytic anode type rectifier for spark generation
B. A. Volkin. *Avt. Prom. S.S.R.* 1949, No. 2, 31-2.
Satisfactory rectification of 230 v. a.c. is accomplished
by NaHCO_3 soln. (130 g. per 1 l. water) with Pb and Al
electrodes spaced 35 cm.; up to 100 amp. can be handled
readily. G. M. Kowalewski

Volodin, E. A.

Electric-Spark Machining and Repair of Small Dies. E. A. Volodin. (Stanki i Instrument, 1953, (8), 21-23). 62

Abstract: The technology and economics of the electric-spark machining of dies for dealing with forgings weighing up to 1 ton are considered. Recent improvements in spark-machining methods are described, their present special advantages for die repairs are outlined and three sets of conditions for such work are recommended. Available spark-machining installations are criticized, a number of improvements being suggested. The production of electrodes of exactly reproducible dimensions and shapes by powder metallurgy is described, examples being illustrated. — p. 8.

Volodin, E. A.

USSR/ Engineering - Tools

Card 1/1 Pub. 128 - 15/34

Authors : Volodin, E. A., and Kovsharova, L. A.

Title : New technique in manufacturing metalo-ceramic electrode tools for electric-spark working of metals

Periodical : Vest. mash. 12, 56-57, Dec 1954

Abstract : New methods, employed by the Scientific Research Institute of Medical Instrumentation, in producing metalo-ceramic electrode tools are discussed, and a description is presented of a press mould for manufacturing the above mentioned tools. Illustration; drawing.

Institution :

Submitted :

VOLODIN, E.A.

USSR

12007 New Process of Production of Metal-Powder Tools
for the Electrospark Machining of Metal Parts. E. A. Volodin
and L. A. Kovcharova. Henry Bratcher Translation No. 3497,
6 p. (From *Vestnik Mashinostroyeniya*, v. 34, no. 18, 1954,
p. 56-57.) Henry Bratcher, Alameda, Calif.

Previously abstracted from original. See item 7114, v. 4, May
1955.

V u L o D I N , E . S .

Report to be presented at the 1st Intl Congress of the Intl Federation of Automatic Control, 25 Jun-5 Jul 1960, Moscow, USSR.

LEBEDEV, A. Ia. - "The application of a self-adapting system of automatic control".

MALOV, V. S., MARKOVICH, A. M., and KEMEROV, A. A. - "Industrial self-adapting systems and digital technique".

MAROV, M. V. - "Some peculiarities of the structure of multi-communications regulation systems and the possibility of increasing the quality of telemeasurements".

MASHTEN, V. V. - "Concerning the problem of established routines in automatic regulation systems".

MATROSOV, E. A. - "Principles of construction of digital double code automatic computers".

MIRSKY, Yu. I. - "Concerning the relation of systems of automatic regulation with the parameters of periodic waveforms".

MIL'YAKOV, N. S. and KERNOV, V. I. - "System of automatic control of cutting of rolled metal on a continuous bar still with the use of digital calculating machines".

MIRSKY, V. M. - "Some principles of organizing systems of complex automation of large scale chemical production and organization of these systems".

ODGOVOROV, G. M. - "Systems of automatic regulation with intermittent change of parameters".

PENOV, V. P. - "Statistical synthesis of Laplace systems".

PEROV, B. M. - "The invariant principle and its application in the calculation of linear and nonlinear systems".

PIVOVAROV, V. D. - "The problem of autonomy in the technique of automatic control".

PEROV, B. P. - "Some problems of synthesis of automatic control non-linear systems".

PEROV, B. S. - "Method of determining the optimum system with non-linear relation of the observed function with the parameters of the model".

PEROV, V. P., PEROV, V. V., KERNOV, B. I., and VENKOV, A. A. - "Principles of construction of a single class of active control systems for automatic production processes".

POLOVIN, V. I. - "The development of the theory of relay devices in the USSR".

POLOVIN, M. A. - "Dynamic characteristics of cores with eight angle systems, winding and their influence on magnetic losses".

POLOVIN, L. I. - "Partial methods of investigating the quality of automatic control systems".

POLOVIN, V. M. - "Principles of automatic regulation of boiler-turbine units".

POLOVIN, M. M., KERNOV, B. V., MIRSKY, A. A., MIRSKY, A. M., and PEROV, V. A. - "Automatic control of composition of multi-independent structures".

POLOVIN, B. S. and KERNOV, V. G. - "Some results of work for the utilization of bidirectional relations for automatic control of mining machinery".

POLOVIN, V. V., MIRSKY, A. M., MIRSKY, V. M., VAI'ZERSON, Yu. S., MIRSKY, P. S., and PEROV, V. A. - "Analysis and synthesis of automatic control systems with the aid of calculating machine facilities".

POLOVIN, V. V., PEROV, V. A., and KERNOV, V. G. - "Distribution, optimisation and their use for solution of variation problems in automatic synthesis".

POLOVIN, B. V. - "A system of alternating current electric drives with autonomous power supply".

PASLAK, I. M., and YATSKOVSKIY, V. A. - "Apparatus for technical control of production with the use of nuclear radiation".

PEROV, V. P. and KERNOV, B. I. - "Methods of organising the trajectory of roots of linear systems and qualitative determination of type of trajectory".

PEROV, V. V. - "Elements of the theory of digital automatic systems".

PEROV, B. I., MIRSKY, V. A., CHURIN, Yu. I., and MIRSKY, G. A. - "Stability of self-adapting systems".

PEROV, V. A. - "Elements of a mathematical modelling and calculating technology" - experiment in calculating loads in electrical systems".

VOLODIN, E. I.

Sistema etalonirovaniia sredstv kontrolia chistoty poverkhnosti detalei.
(Vestn. Mash., 1950, no. 5, p. 48-53)

(Standardization system for instruments controlling the cleanliness of
surface of machine parts.)

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953

VOLODIN, E. I.

Tochnost' opticheskikh priborov dlja otsenki chistoty poverkhnostej. (Vestn. Mash., 1951, no. 4, p. 84-86)

(Precision of optical instruments for determining the cleanliness of surfaces.)

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953

VOLDIN, F. I.

Neodnorodnost' poverkhnosti detalei mashin.
(Vestn. Mash., 1951, no. 7, p.62-84)

DIS: TNL.Vh

Heterogeneity of surface of machine parts.

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

VOLODIN, V.

Production practice in the fields. Prof.-tekhn. obr. 13 no.7:
22-23 J1 '56. (MLRA 9:10)

1. Zamestritel' nachal'nika Krymskogo oblastnogo upravleniya
trudovykh rezervov.
(Crimea--Farm mechanization--Study and teaching)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860630006-1

MIKHAYLOV, I.; ZOLOTOV, V.; VOLODIN, G.

Blood and profit. Sov. profsoiuzy 7 no. 7:70-76 J1 '58.(MIRA 11:8)
(Industrial accidents)

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860630006-1"

VOLODIN, G.A., BONDARENKO, N.I.

The Novo-Uzlovskaya Central Coal Preparation Plant is an
enterprise of communist labor. Ugol' 39 no.5:12-15 My '64.
(MIRA 17:8)

1. Upravlyayushchiy trestom Donetskugloobogashcheniye (for
Volodin). 2. Direktor Novo-Uzlovskoy tsentral'noy obogatitel'-
noy fabriki (for Bondarenko).

L 00366-66 EWT(d)/T/EED-2/EWP(1) IJP(c) BB/GG/GS

ACCESSION NR: AT5013573

UR/0000/64/000/000/0265/0273

AUTHOR: Volodin, G. M.⁴⁴; Radchenko, L. G.⁴⁴

TITLE: The correction of grouped code errors

SOURCE: AN SSSR, Institut elektromekhaniki⁴⁴. Avtomatika, telemekhanika i priborostroyeniye (Automatic control, remote control, and instrument manufacture). Moscow, Izd-vo Nauka, 1964, 265-273

TOPIC TAGS: interference reduction, binary code, error correction

ABSTRACT: Atmospheric, industrial, and other types of interference are usually correlated, and the distortion they cause in the communication channels are usually grouped within brief intervals of time. When transmitting information in binary sequence these interferences produce, most often, distortions of one or several adjacent symbols. The present paper describes an approach to the correction of such distortions. The errors are detected and corrected by means of displacement registers coupled with logic circuits. Such circuits are described by algebraic equations with coefficients from a finite field of residues over a simple modulus. In the case of 10 - 12 consecutive errors s and a cycle length n of 400 - 500, the correcting power of coding polynomials can be determined man-

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L 00366-66
ACCESSION NR: AT5013573

ually. For larger values of s and n one must use computers. Orig. art. has: 29
formulas and 4 figures.

ASSOCIATION: None

SUBMITTED: 24Oct64

NO REF SOV: 003

ENCL: 00

SUB CODE: DP

OTHER: 001

Card 2/2

VOLODIN, I.

Peddling and retail trade equipment. Sov. torg. 33 no.11:53-55
N '59. (MIRA 13:2)

(Retail trade--Equipment and supplies)

VOLODIN, I.

Under the eyes of the buyers. Obshchestv.pit. no.10:38 0 '60.
(MIEA 13:11)

(Cookery (Potatoes))

POL'YODA, G.; KRUTYPOROKH, F., kand.sel'skokhoz.nauk; FEDOROV, N.; VOLODIN, I.

Letters to the editor. Sel'stroi. 15 no.9:30 S '60.
(MIRA 13:9)

1. Direktor Udmurtskoy shkoly stroitel'nykh masterov (desyatnikov)
(for Polevoda). 2. Direktor Penzenskogo lespromkhoza (for Fedorov).
3. Sekretar' partorganizatsii Penzenskogo lespromkhoza (for
Volodin).
(Building)

VOLODIN, I.

New machinery for loading and unloading. Sov. torg. 34 no.12:
53-55 D '60. (MIRA 13:12)
(Loading and unloading)

STEPANOVA, V.; VOLODIN, I.

New became a standard. Sov. torg. 35 no.11:29-32 li '61.
(MIRA 14:10)

(Moscow--Self-service stores)

VOLODIN, I. G.

Feeding and Feeding Stuffs

Acidophilus-yeast feed. Sots. zhiv 14 No. 3; 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952, Uncl.

VOLODIN, I.I.; LEVITSKIY, B.I.

Improvement of the technological process of sprocket-chain roller production.
Sel'khozmashina no.9:29-31 S '53.

(MLKA 6:9)

(Link-beltting)

L 27819-65 ZET(1)/ZEC-L/2MA(h) Pb-6/Peb/P1-L/P1-4 JHB

ACCESSION NR: AR5003535

8/0269/64/000/011/0046/0046

32

SOURCE: Ref. zh. Astronomiya. Otd. vyp., Abs. 11.51.339 28

B

AUTHORS: Bel'kovich, O. I.; Sherstnev, A. N.; Volodin, I. N.

TITLE: Distribution of durations of meteoric radio echoes

CITED SOURCE: Sb. Meteorn. rasprostr. radiovoln, no. 1, Kazan', Kazansk. un-t, 1963, 111-114

TOPIC TAGS: meteor observation, meteoric radio scatter

TRANSLATION: A formula is derived for the distribution of the duration of forward-reflected meteoric radio echoes from undercondensed trails, with account of variation of the pressure at the point of maximum ionization. The mass distribution of the meteors is represented by a power law with a probability density

Cord. 1/3

L27819-65

ACCESSION NR: AR5003535

$$f(m) = \frac{4-1}{m_0} \left(\frac{m}{m_0}\right)^4.$$

where m_0 -- mass of the meteor corresponding to the minimum recorded amplitude A_0 . An expression is obtained for the probability of the duration distribution of the meteoric radio echoes

$$P = \exp\left\{-\frac{3(1-1)}{2}\left(\sqrt{1+\frac{4t}{3\tau_0}} - \sqrt{1+\frac{4t_{\min}}{3\tau_0}}\right)\right\}.$$

where τ_0 -- time during which the amplitude of the signal from m_0 decreases by a factor 4, and t_{\min} -- minimum duration of the radio echo registered by the radio apparatus. The presented plots of the density of distribution of the duration of radio echoes, and the histograms of forward reflections from 1150 undercondensed meteoric trails, show good agreement between the theoretical and experimental results.

G. Osipov.

Card 2/3

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860630006-1

L 27819-65

ACCESSION NR: AR5003535

SUB CODE: AA, EC

ENCL: 00

Card

3/3

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001860630006-1"

VOLODIN, L. F.

VOLODIN, L. F., master.

Device for phasing power transformers. Energetik 5 no.7:17-1:
J1 '52. (USSR 1952)
(Electric transformers)

L-27819-65 EWT(1)/EEC-4/EWA(h) Pz-6/Peb/Pi-4/P1.1 JHD

ACCESSION NR: AR5003535

8/0269/64/000/011/0046/0046

32

SOURCE: Ref. zh. Astronomiya. Otd. vyp., Abs. 11.51.339

28

AUTHORS: Bel'kovich, O. I.; Sherstnev, A. N.; Volodin, I. N.

B

TITLE: Distribution of durations of meteoric radio echoes

CITED SOURCE: Sb. Meteor. rasprostr. radiovoln, no. 1, Kazan', Kazansk. un-t, 1963, 111-114

TOPIC TAGS: meteor observation, meteoric radio scatter

TRANSLATION: A formula is derived for the distribution of the duration of forward-reflected meteoric radio echoes from undercondensed trails, with account of variation of the pressure at the point of maximum ionization. The mass distribution of the meteors is represented by a power law with a probability density

Card

1/3

L 27819-65

ACCESSION NR: AR5003535

$$f(m) = \frac{s-1}{m_0} \left(\frac{m}{m_0}\right)^s,$$

where m_0 -- mass of the meteor corresponding to the minimum recorded amplitude A_0 . An expression is obtained for the probability of the duration distribution of the meteoric radio echoes

$$P = \exp \left\{ -\frac{3(s-1)}{2} \left(\sqrt{1 + \frac{4t_0}{3r_0}} - \sqrt{1 + \frac{4t_{\min}}{3r_0}} \right) \right\}.$$

where τ_0 -- time during which the amplitude of the signal from m_0 decreases by a factor s , and t_{\min} -- minimum duration of the radio echo registered by the radio apparatus. The presented plots of the density of distribution of the duration of radio echoes, and the histograms of forward reflections from 1150 undercondensed meteoric trails, show good agreement between the theoretical and experimental results.
G. Osipov.

Card

2/3

L 27819-65

ACCESSION NR: AR5003535

SUB CODE: AA, EC

ENCL: 00

Card

3/3

VOLODIN, I.N. (Kizan')

Distinction between the Poisson and Polya distributions based
on large numbers of small samples. Teor. veroiat. i ee prim.
10 no.2:364-367 '65.
(MIRA 18:6)

S/148/60/000/008/011/018
A161/A029

AUTHORS: Fominykh, I.P.; Volodin, I.P.; Merkulov, F.N.; Ryazantseva, V.N.

TITLE: Speeding up the Annealing of Malleable Cast Iron Modified by Boron and Bismuth

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. - Chernaya metallurgiya, 1960, No. 8, pp. 153 - 159

TEXT: At the Gorkovskiy avtozavod (Gor'kiy Automobile Works), where malleable cast iron had been modified by boron and bismuth (Ref. 7), the annealing time had been cut from 60 to 35 - 36 hours (annealing in electric 25-t chamber furnace). The Tul'skiy kombaynovyy zavod (Tula Harvesting Combine Works), aided by Tul'skiy mekhanicheskiy institut (Tula Institute of Mechanics), utilized the Gor'kiy works experience and attempted to obtain malleable cast iron with raised strength on account of the predominating perlitic component. Cast iron K4-45-5 (Kch-45-5) used for the experiments had the following composition: (in%): 2.45-2.8 C; 0.9-1.3 Si; 0.45-0.65 Mn; not above 0.12 S; 0.15 P, and 0.07 Cr. It was smelted in a cupola furnace and superheated in an acid electric furnace. The powdered modifier consisted of ferro-silico-boral (an alloy of iron-silicon-boron-
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S/148/60/000/008/011/018
A161/A029

Speeding up the Annealing of Malleable Cast Iron Modified by Boron and Bismuth

-aluminum, with 5-15% B) and metallic bismuth, and was placed in a paper bag and held into the metal jet during pouring into the ladle; 0.003-0.004% B and 0.002-0.003% Bi was used (of the metal weight). Parts for a new machine were cast from modified cast iron. The parts and specimens were annealed in laboratory MM-11 (PN-11) chamber furnaces. Three microphotograph sets show the structure of the initial and of the modified cast iron (a and b, Figs. 1, 3, 4). It was stated that boron and bismuth refined dendrites; the modified iron contained a considerably higher quantity of carbides; it was assumed that cementite of modified iron contained less carbon and hence had other properties than usual, viz. lower stability, which had been proven by I.F. Kurtov et al. (Ref. 7); graphite grains were refined. Five different annealing process versions were tried to study the decomposition rate of primary cementite in the first stage of graphitization. It was considerably more intense in modified cast iron than in the initial cast iron. Cementite of modified cast iron was less stable at all temperatures between 850 and 1,050°C, and the metal had a high tendency to chilling at usual and higher Si content. The finally chosen annealing schedule is shown in Figure 6, with a total time of only 8 hours. It produced malleable cast iron with a tension strength not below 45 kg/mm² and an elongation of 5% and more only when the boron-

Card 2/5

S/148/60/000/008/011/018
A161/A029

Speeding up the Annealing of Malleable Cast Iron Modified by Boron and Bismuth
-bismuth modifier was used. The experimental results fully confirmed the data obtained by I.F. Kurtov (Ref. 7) and N.G. Girshovich (Refs. 2,8) and proved that addition of boron and bismuth greatly speeds up the annealing of malleable cast iron and improves graphitization but has no marked effect on strength. The author points out that in American practice high-strength cast iron with lowered plasticity is used very extensively, and suggests the application of such cast iron with an ultimate strength which is higher by a factor of 1.5. There are 6 figures and 8 Soviet references.

ASSOCIATION: Tul'skiy mekhanicheskiy institut (Tula Institute of Mechanics) and
Tul'skiy kombaynovyy zavod (Tula Harvesting Combine Works)

SUBMITTED: April 6, 1960

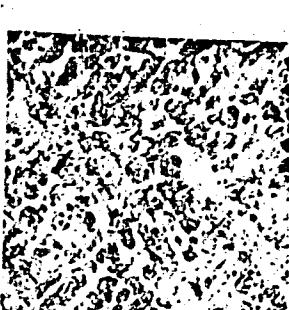
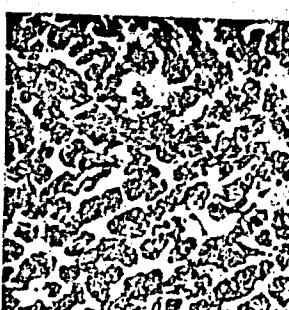
Card 3/5

8/148/60/000/008/011/018
A161/A029

Speeding up the Annealing of Malleable Cast Iron Modified by Boron and Bismuth

Figure 1: Structure of Initial and Modified Cast Iron Prior to Annealing. $\times 100$

Figure 3: Structure of Initial and Modified Cast Iron After Holding for 10 min at 900°C . $\times 100$



Card 4/5

S/148/60/000/008/011/018
A161/A029

Speeding up the Annealing of Malleable Cast Iron Modified by Boron and Bismuth

Figure 4:

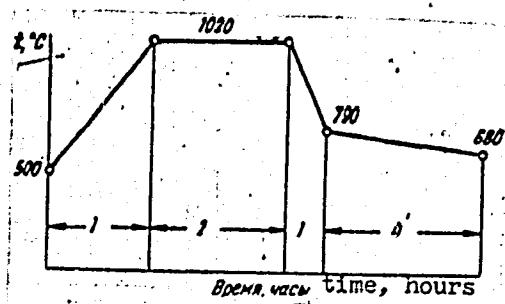
Structure of Initial and Modified Cast Iron After Holding for 10 hours at 950°C. X 100



Card 5/5

Figure 6:

Graph of Accelerated Annealing of Modified Malleable Cast Iron.



AUTHOR: Volodin, I.P., Master

SOV-91-58-10-25/35

TITLE: The Vulcanization of Punctured Rubber Mats and Strips (Vul-kanizatsiya probitykh rezinovykh kovrikov i dorozhek)

PERIODICAL: Energetik, 1958, Nr 10, pp 24 - 25 (USSR)

ABSTRACT: According to the rules of technical exploitation, rubber mats and strips must be used in the distributing apparatus of sub-stations of 6 kv and on panels of 500 and 380 volts. In practice, after 2 years use, about 20% of the rubber loses its insulating qualities in places and no longer passes the required tests. V.L. Yeremeyenko and N.A. Skorik, electricians from an electrical supply works, suggested that the dielectrical qualities of the rubber could be restored under local conditions with little loss of time. The process consists of cleaning the damaged part of the rubber, smearing it with rubber cement, applying a piece of raw rubber to it and clamping it to an electric furnace for 15 minutes. It is then cooled with water. The temperature during the vulcanization process should be kept at about 190°C. There is one diagram.

1. Vulcanization--Instrumentation

Card 1/1

ACC NR: AT7004081 (1) SOURCE CODE: UR/3344/66/000/004/0097/0100

AUTHOR: Parkhomenko, V. D.; Ganz, S. N.; Golubenko, L. A.; Volodin, I. S.

ORG: Dnepropetrovsk Institute of Chemical Technology (Dnepropetrovskiy khimiko-tehnologicheskiy institut)

TITLE: Linear expansion and thermal conductivity coefficients of fluoroplastic material

SOURCE: Dnepropetrovsk. Khimiko-tehnologicheskiy institut. Khimicheskaya tehnologiya, no. 4, 1966, 97-100

TOPIC TAGS: thermal conduction, thermal expansion, temperature coefficient, filler, linear expansion, fluoroplastic material

ABSTRACT: Expansion and thermal conductivity with BaSo₄, MoS₂, graphite, and coke used as fillers. It was shown that a very complex relationship exists between the linear expansion coefficient and the temperature, type and concentration of a filler. Generally, the increased film concentrations contribute toward lowering of the linear expansion coefficient. Thermal conductivity is determined by the filler.

Card 1/2

ACC NR: AT7004081

The increased concentration of the filler in the mixture usually increases the thermal conductivity of the fluoroplastic material. Orig. art. has: 4 figures and 1 table. [AM]

SUB CODE: 11/SUBM DATE: none/ORIG REF: 005/

Card 2/2

VOLODIN, I. YA.

86-11-11/31

AUTHOR: Volodin, I. Ya., Col, Mil. Pilot First Class

TITLE: Firing at High Altitude Aerial Targets over the Sea (Strel'ba nad morem po vozdushnym mishenym na bol'shikh vysotakh)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 11, pp. 41-44 (USSR)

ABSTRACT: In this article the author describes the so-called "production line" method [metod "potoka"] used when practicing air firing at tow targets at high altitudes over the sea. This method permits the maximum number of passes during one flight shift. For example, four PM-3zh tow targets can be used simultaneously by four fighter flights. The firing is carried out in a zone marked out by four turning points and the total length of legs between the turning points is 240 km. Four to six fighter pilots are assigned to each tow target. Air firing can be practiced also above the clouds. It is imperative that the proper course be maintained by the towing planes and that it be checked by ground radar. At altitudes of 10,000, 9,500, 9,000 and 8,500 m the four towing planes maintain a distance of not less than 50 km from each other, with a vertical interval of 500 m. At that altitude the speed of the towing planes is 525 - 550 km/hr and the fighter planes attack the targets at speeds of 650 - 700 km/hr. A detailed description is given on how the attack is carried out by the fighter planes.

Card 1/2

86-11-11/31

Firing at High Altitude Aerial Targets over the Sea (cont)

The article is illustrated by two diagrams.

AVAILABLE: Library of Congress

Card 2/2

VOLODIN, L.

Improving magnetic starters. Mast.ugl. 7 no.4:23-24 Ap '58.
(MIRA 11:4)

1. Glavnny energetik tresta Belovugol' kombinata Kuzbassugol'.
(Coal mining machinery--Electric driving)

KOSSOV, V.V.; BARANOV, E.F.; VOLODIN, L.N.; LEYDKIND, Yu.R.;
MIKHALEVSKIY, B.N.; SUVOROV, B.P.; DETNEVA, E.V.

[The interbranch balance of production and production
distribution of an economic region] Mezhotraslevoi balans
proizvodstva i raspredeleniia produktii ekonomicheskogo
raiona. Moskva, Izd-vo "Nauka," 1964. 209 p.
(MIRA 17:5)

1. Akademiya nauk SSSR. TSentral'nyy ekonomiko-matematiches-
kiy institut.

AUTHOR: Volodin, L.Ya., Engineer

91-58-8-30/34

TITLE: A New Method for Fixing Rollers by Gluing (Novyy metod
krepleniya rolikov putem prikleivaniya)

PERIODICAL: Energetik, 1958, Nr 8, pp 35-36 (USSR)

ABSTRACT: For fixing rollers to walls or to ceilings in wiring a house or factory building, the following method can be used. The cavity in the base of the roller is filled with a mixture of Portland cement and 3% calcium chloride and held firmly to the roller body by a spiral of twisted steel wire running through the central hole. The surface to which the roller is to be fitted is roughened with a file, moistened and the roller glued and affixed. After 5 days drying the roller will support a weight of 40 kg. There is 1 diagram.

1. Cable supports--Installation

Card 1/1

VOLODIN, M.

Prevention of fire hazards in enameling furnaces. Pozh.delo 7
no.5:9-10 My '61. (MIRA 14:5)
(Electric wire and cable industry--Fires and fire prevention)

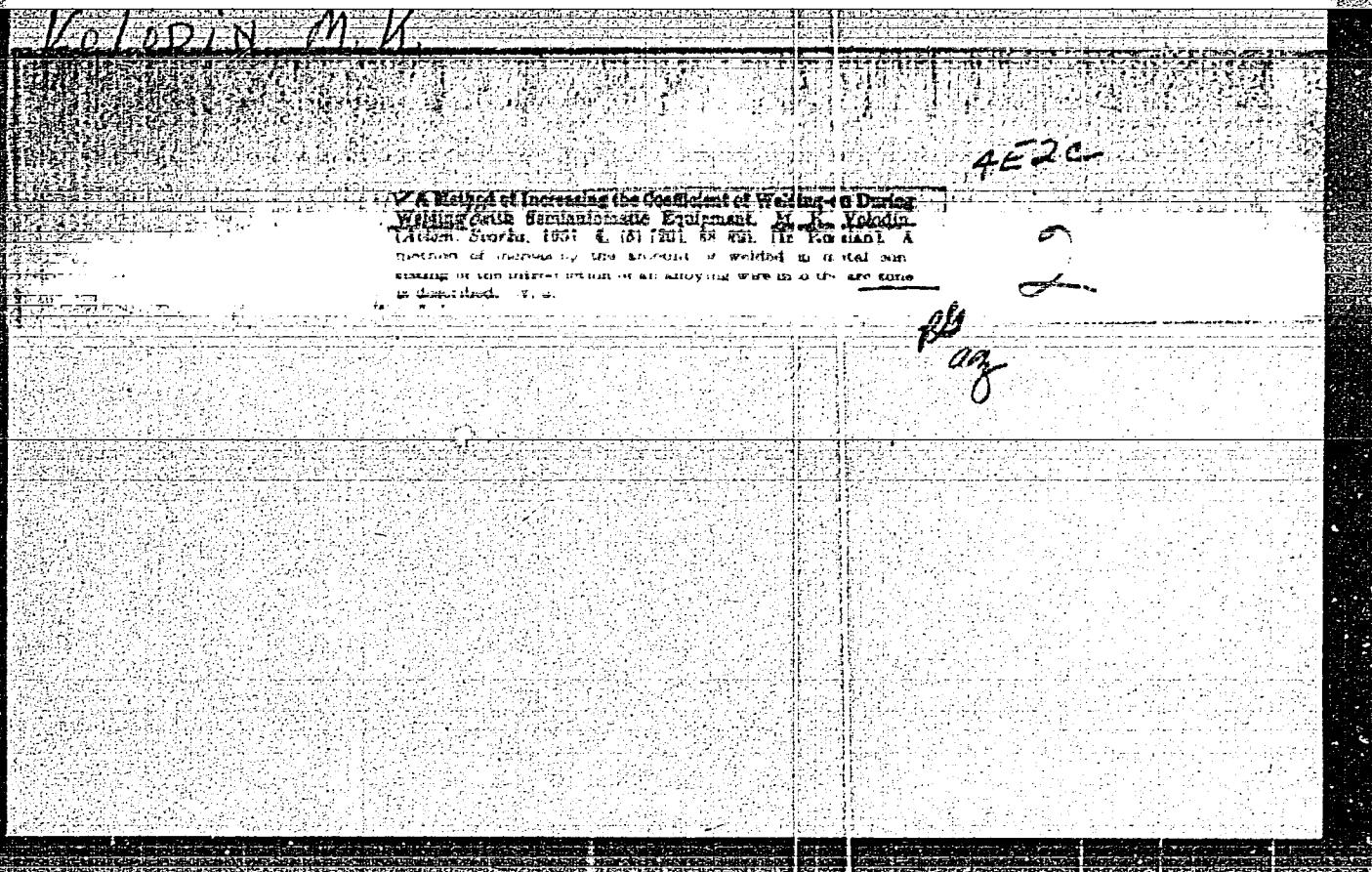
VOLODIN, M.

Exhibition of the works of our senior photographers. Sov.foto
20 no.4:47 Ap '60. (MIRA 13:8)
(Photography--Exhibitions)

VOLODIN, M.A., inzh.; MANYUTA, I.M., inzh.

Clamp for wall blocks and columns. Mont. i spets. rab. v stroi.
24 no. 10:22 '62. (MIRA 15:10)

(Hoisting machinery)



VOLODIN, M.M.

The PE-939 polyester enamel lacquer. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekhn.inform. 18 no.4 10-11 Ap 66.
(MIRA 18:6)

Ca

13

Acid resistant coatings for iron containers. V. P. Volodin, B. N. Voksin, M. N. Reikhshtadt and V. A. Reikhshtadt. Russ. 40,241, March 31, 1930. Acid-resistant coatings are prep'd. from vegetable oils and sulfuric acid in addn. to MgO and barite, or MgO and acid-resistant cement.

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

10262 27

SEARCHED INDEXED

1930-1931

SEARCHED INDEXED

193

IKRAYBLIT, G.B., inzhener; LOYTSYANSKAYA, M.G.; KHOMYAKOV, M.V., inzhener;
BARKAN, M.A., inzhener; KARAMZIN, A.P., inzhener; LYSAKOVSKIY, G.I.,
inzhener; VOLODIN, M.H., inzhener.

Testing the insulation of concrete reactors. Elek.sta. 25 no.10:41-
(MLRA 7:11)
47 0 '54.

1. Mossenergo (for Khomyakov). 2. Gorenenergo (for Barkan). 3. Sverdlov-
energo (for Karamzin). 4. Donbassenergo (for Lysskovskiy). 5. Chelyab-
energo (for Volodin).
(Electric insulators and insulation)

~~VOLODIN, M. M., inzh.~~; NIZAMUTDINOV, R.G., inzh.; PUCHKOVSKIY, V.V., kand.
tekhn. nauk.

Bench testing of wet transformers of low capacity. Elek.sta. 29
no.6:77-79 Je '58. (MIRA 11:9)
(Electric transformers--Testing)

VOLODIN, M.N., inzh; KOFNER, A.Ya., inzh; MUKHAMEDOV, G., inzh

Experience in using coordinating struts. Elek.sta. 29 no.9:78-80
(MIRA 11:11)
S '58. (Electric lines--Poles)

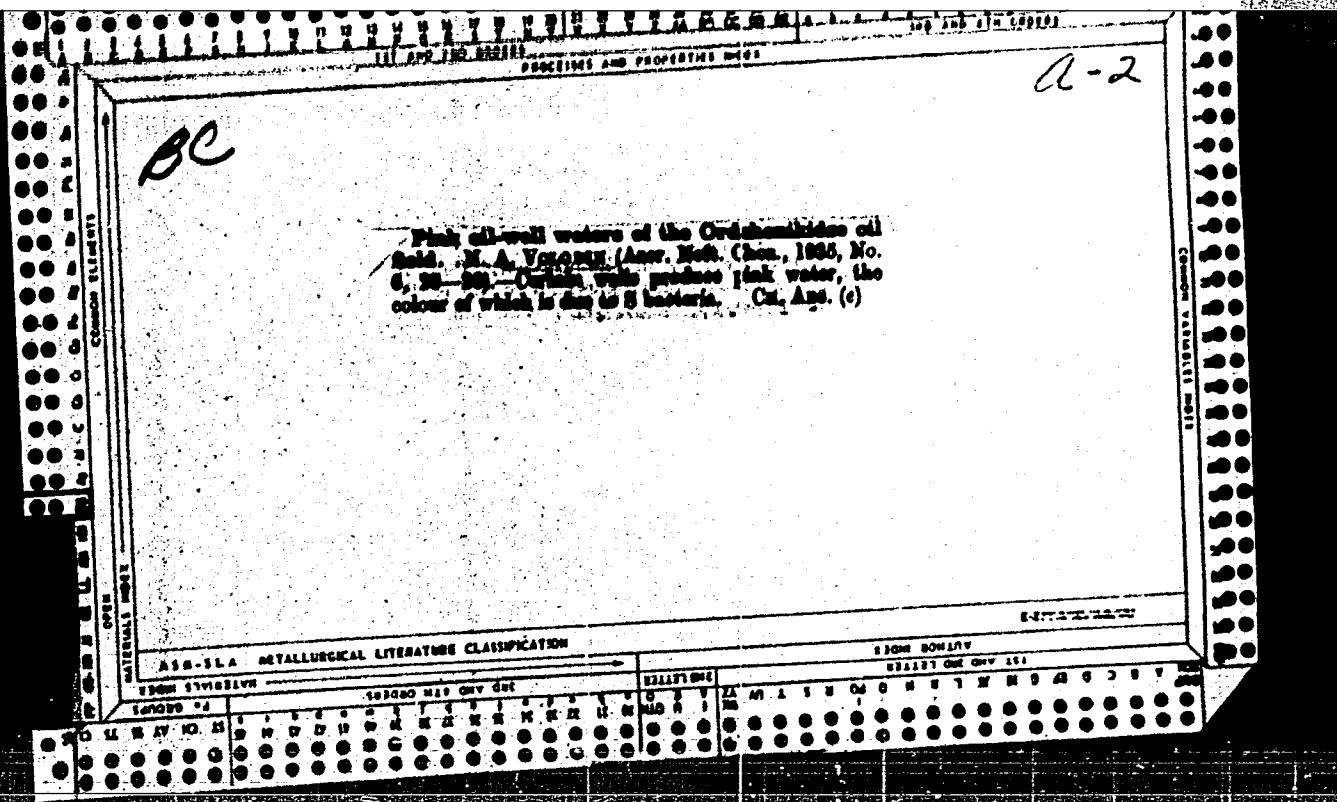
VOLODIN, M.N., inzh.; MYAKININ, Ye.G., inzh.; PUCHKOVSKIY, V.V., dotsent,
kand.tekhn.nauk

Breakdown of the sleeve insulation of electric machinery subjected to
the action of a nonsinusoidal voltage. Izv.vys.ucheb.zav.; energ. 4
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1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khozyaystva. Predstavlena kafedroy proizvodstva i raspredeleniya
elektricheskoy energii. (Electric machinery) (Electric insulators and insulation)

BLOTSKIY, S.N., inzh.; OSINTSEV, V.V., inzh.; DEMCHENKO, F.N., inzh.;
Prinimali uchastiye: VOLODIN, M.V.; KOGAN, I.M.; ZAKHAROV, N.V.;
BLOTSKIY, A.N.; UKKONEN, V.A.

Increase in the efficiency of the Brown-Bowery steam turbine. Prom.
energ. 17 no.3:28-29 Mr '62. (MIRA 15:2)
(Steam turbines)



VOLODIN, N.I., MAMIKONYANTS, N.G., SEREZHNIKOVA, S.F.

"Problems of antibacterial therapy and immunity in tuberculosis."
Reviewed by N.I. Volodin, N.G. Mamikonants, S.F. Serezhnikova.
Probl.tub. 36 no.6:110-114 '58
(TUBERCULOSIS) (MIRA 11:10)

URANOVA, Ye. V. (Moskva, D-284, Begovaya ul., d. 18, kv. 2); VOLODIN, N. I. (Moskva, Shchukinskaya ul., d. 25-a, kv. 17)

Pigmented tumors of the pia mater. Vop. onk. 5 no.1:54-59 '59.

1. Iz kafedry patologicheskoy anatomi (zav. - chlen-korrespondent AMN SSSR prof. N.A. Krayevskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey i prozektury bol'nitsy imeni S. P. Botkina (zav. - A.S. Bobrova)

(MELANOMA, case reports,
pia mater (Rus))

(PIA MATER, neoplasms,
melanoma (Rus))

VOLODIN, N.I., (Moskva)

Nonspecific inflammation and dilatation of bronchi of the inferior lobe in fibrous-cavernous tuberculosis according to postmortem bronchographic data. Arkh. pat. no.11:40-47 '64.
(MIRA 18:11)

1. Patomorfologicheskoye otdeleniye Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (direktor - kand. med. nauk T.P. Mochalova) Ministerstva zdravookhraneniya RSFSR.

VOLODIN, N.I.

Eosinophilic pneumonia in tuberculous meningitis. Arkh.pat.
25 no.4:81-83 '63 (MIRA 17:4)

1. Iz patomorfologicheskogo otdeleniya (rukododitel' - prof.
B.P. Ugeyumov) Moskovskogo nauchno-issledovatel'skogo insti-
tuta tuberkuleza (dir. T.P. Mochalova) Ministerstva zdravo-
okhraneniya RSFSR.

VOLODIN, N.I.; KAPUSTINA, G.M. (Moskva)

Cholesteatomas of the cauda equina region following endolumbar streptomycin injections. Klin. med. 41 no.9:49-53 S'63
(MIRA 17:3)

1. Iz gospital'noy terapeuticheskoy kliniki (dir. - chlen korrespondent AMN SSSR prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i patomorgologicheskogo otdeleniya (nauchnyy rukovoditel' - prof. B.P. Ugryumov) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.59.

ADMov, Russ, Volgograd, N.I.

1977.01.01. Clinical aspects and intravital diagnosis of altered myocarditis.
Sovmed. № 11-33-36 N 146. (MIR 18-12)

1977.01.01. Klinicheskie gospital'nye terapii i daystvuyushchiye otlen
SSSR prof. P. A. Lukomskiy i N. N. Moskovskogo nauchno-issledovatel'skogo
instituta imeni N. I. Pitkagova.

VOLODIN, N.P., KEMEL'MAN, A.M.

Swine-- Ukraine

25 pigs from a sow in one year. Sots. zhiv. 14 no. 3, 1952

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LUK'YANOVA, G.N.; KOLESNIKOV, V.A.

Use of centralized vacuum evaporation cooling of a zinc
electrolyte. TSvet. met. 38 no.6:33-39 Je '65.

(MIRA 18:10)

VOLODIN, N. V.

SEVERUD, Fred, N.; MERRILL, Anthony; SIMENOV, Yu. V. [translator]; D'YAKO-
NOV, A. I., [translator]; LYUBIMOV, S. A. [translator]; VOLODIN, N. V.,
[translator]; RUSANOV, P. I., redaktor; PAVLOV, V. S., redaktor; ~~GO~~
RASIMOV, Ye. S., tekhnicheskiy redaktor

[Protection for people, buildings and equipment from the atomic
bomb. Translated from the English.] Protivoatomnaya zashchita
liudei, zdaniy i oborudovaniya. Perevod s angliiskogo Iu. V. Seme-
nova i dr. Moskva, izd-vo inostrannoi lit-ry, 1955. 292 p.

(MIRA 9:3)

(Building, Bombproof) (Atomic bomb--Safety measures)

VOLODIN, N. V.

BELYAYEVA, M.A.; GOLOVA, Z.S.; IVANOVA, A.P.; ARUTYUNOVA, K.M.; VOLODIN, N.V.
redaktor; PORTYANSKIY, B.S., izdatel'skiy redaktor; KATAPOV, M.I.,
tekhnicheskiy redaktor

[Collection of technical texts in the English language; a textbook
for higher schools] Sbornik tekhnicheskikh tekstov na angliiskom
iazyke; uchebnoe posobie dlia vtuzov. Pod red. N.V.Volodina. Moskva,
Izd-vo lit-ry na inostr. iazykakh, 1956. 599 p. (MLR: 10:1C)
(Technology)
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VOLODIN, N.V., dots., kand. voyennykh nauk polkovnik v otstavke;
SMIRNOV, Ye.A., red.; BALASHOVA, M.V., red.-leksikograf;
YAKOVLEVA, N.A., tekhn. red.

[English-Russian military engineering dictionary; some 33,000 words] Anglo-russkii voenno-inzhenernyi slovar'. Okolo 33,000 terminov. Moskva, Voenizdat, 1962. 783 p. (MIRA 16:2)

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[Concise English-Russian and Russian-English military
dictionary] Kratkiy anglo-russkii i russko-angliiskii voen-
nyi slovar'. Moskva, Voen.izd-vo M-va oborony SSSR, 1963.
560 p. (MIRA 16:4)

(Military art and science--Dictionaries)

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VOLODIN, O.A.

Mechanized fastening of a bed to the boring machine frame.
Biul. tekh.-ekon. inform. Gos. nauch.-issl. nauch. i tekhn.
inform. 17 no.9:14-15 S '64 (MIRA 18:1)

VOLODIN, O.A.; BEL'CHIKOV, A.Ye.

Device for fastening a movable boring machine to the foundation
frame. Gor. zhur. no.1:74 Ja '65. (MIRA 18:3)

VOLODIN, P. A.

Novyye zhilyye doma (New residential buildings) Moskva, Gos. Izd-vo, Litry po
Stroitel'stvu i Arkhitekture, 1952.
84 p. illus., plans.

N/5
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PEKAREVA, Nisa Aleksandrovna; VOLODIN, P.A., red.; VINOGRAD, V.A., red.

[Housing area of the Zapozh'ye Transformer Factory] Zhiloi raion
Zaporozhskogo transformatornogo zavoda. Pod.red. P.A. Volodina.
Moskva, Gos. izd-vo lit-ry po stroy., arkhit. i stroy. materialam
1958. 57 p.
(Zaporozh'ye—Housing)

VOLODIN, P.A.; ZHURAVLEV, A.M.; IOFAN, B.M.; KADINA, I.G.; PEKAREVA, N.A.; STRIGALEV, A.A.; MINERVIN, G.B., red.; OSELEDETS, Z.M., red.; PAVLENKO, M.V.; BRUSINA, A.N., tekhn.red.

[New districts of Moscow] Novye raiony Moskvy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960.
284 p.

(MIRA 13:7)

(Moscow--City planning)

SHCHERBATENKO, V.V.; MIKULINSKAYA, L.R.; BEGANSKAYA, L.S.; ZUBKOV, I.A.;
GRINEVICH, K.P.; KOTRELEV, V.N.; VOLODIN, P.A.

Use of organosilicon compounds and fluoroplast in the baking
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(Bakers and bakeries--Equipment and supplies)
(Protective coatings)

TSELIKOV, Aleksey Ivanovich; SLOBODYANIK, Aleksey Petrovich;
VOLODIN, P.A., red.; MOROZOVA, G.V., red.izd-va; TEMKINA,
Ye.L., khud.-tekhn.red.

[Novokuybyshevsk; housing and public construction] Novokuiby-
shevsk; zhilishchno-grazhdanskoe stroitel'stvo. Pod red.
P.A. Volodina. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.
i stroit.materialam, 1961. 94 p. (MIRA 14:4)
(Novokuybyshevsk--City planning)

IVANOV, K.A., kand. arkhitektury; VOLODIN, P.A., kand. arkhitektury;
PEKAREVA, N.A., kand. arkhitektury

Architecture is in the process of reorganizing. Izv. ASIA no.2:
25-33 '61. (MIRA 15:1)

(Architecture)

MALAKHOV, Yakov Isayevich; PEKAREVA, Nissa Aleksandrovna; VOLODIN,
P.A., red.; KIARTANO, I.V., red. izd-va; NAUMOVA, G.D.,
tekhn. red.

[Electrostal'. Pod red. P.A.Volodina. Moskva, Gosstroiz-
dat, 1962. 126 p. (MIRA 15:12)
(Electrostal'--City planning)

KOVALEV, A.Ya.; VOLODIN, P.A., red.; ANTSIFEROVA, G.M., red.

[The V.I.Lenin Volga Hydroelectric Power Station]
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stvu, 1964. 142 p. (MIRA 17:7)

PA 162T39

VOLODIN, P. F.

Jul 50

USSR/Fuel - Coke

"Shrinkage During Coking," P. F. Volodin, Tomsk
Polytech Inst imeni S. M. Kirov

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 7,
pp 1024-1033

After careful study of coking, Volodin establishes
quantitative dependence of cracks in coke upon ver-
tical shrinkage, poured weight (that of 1 cu m),
moisture content, effective specific weight of coal,
yield of volatiles and porose coke. Submitted
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